

## TEST-B

## SOLVED

Time: 1 hr.

Max. Marks: 30

## SECTION-A

Tick the correct option:

- Which of the following is a bactericidal antibiotic? [1]  
(i) Erythromycin (ii) Ofloxacin (iii) Tetracycline (iv) Chloroamphenicol
- Which of the following antioxidant also act as antimicrobial agent? [1]  
(i) Potassium sulphite (ii) Sodium benzoate  
(iii) Butylated hydroxy anisole (iv) Butylated hydroxy toluene
- The incorrect statement about Aspirin is [1]  
(i) Aspirin is obtained by acetylation of salicylic acid.  
(ii) Aspirin is used as antirhummatic drug  
(iii) Aspirin can act as analgesic as well as antipyretic drug  
(iv) The IUPAC name of aspirin is 2-Hydroxy benzoic acid.

Assertion-Reason type Questions:

- (i) If assertion and reason both are correct and reason is the correct explanation of assertion.  
(ii) If assertion and reason both are correct and reason is not the correct explanation of assertion.  
(iii) If assertion is correct and reason is wrong.  
(iv) If assertion is wrong and reason is correct.
- Assertion: Anionic detergents have anions at the soluble end of the chain and take part in cleansing action. [1]  
Reason: Anionic detergents do not form scum with hard water.
- Assertion: Non-ionic detergents are ester of stearic acid and polyethylene glycol. They have hydrogen bonding group at the soluble end of the chain. [1]  
Reason: Non-ionic detergents are non-biodegradable.

One word /One Sentence type Questions.

- Why is bithional added to soaps? [1]
- Name one substance which can act as analgesic as well as antipyretic. [1]

## SECTION-B

- Giving reason, pick the odd one out of in each set: [2]  
(i) Chloroxylenol, chloroamphenicol, chloromycetin.  
(ii) Valium, luminal, phenacetin, equanil.

9. (i) Name the protein based artificial sweetener. What is its disadvantage? [2]  
(ii) Name the artificial sweetener given to the diabetic patient.
10. What do you understand by broad spectrum and narrow spectrum antibiotics? Give one example of each. [2]
11. Write a short note on the following: [3]  
(i) Anti-oxidants  
(ii) Non-ionic detergents  
(iii) Antiseptics.
12. (a) Explain the mechanism of drug action. [2+1]  
(b) What are non-narcotic analgesics? Give one example.
13. Example the following giving example: [3]  
(i) Antacids  
(ii) Food preservatives  
(iii) Tranquilisers
14. State the role of [3]  
(i) Chloropheneramine  
(ii) Terpeneol  
(iii) Chlorine in medicine
15. (a) What are biodegradable and non-biodegradable detergents? Give one example of each. What is the advantage of using detergents over soaps?  
(b) What do you understand by the following terms:  
(i) Anti-malarial drugs. (ii) Saponification of fats. [3+2]

